

Summary

The invention relates to an electrical signal equaliser (SE) comprising a first transversal filter part (F1) with a chain of delay elements (D12- D14), individually adjustable signal weighting devices and a signal adding device (SU1), wherein the inputs of the weighting devices are each connected to one of said delay elements and the outputs are each connected to said adding device, wherein a signal splitting device (SP) is comprised connecting the first output to said first transversal filter part (F1) and connecting the other output to a second transversal filter part (F2), that a signal combining device (AD) is comprised connected to the outputs of the adding devices (SU1, SU2) of the two filter parts (F1, F2) and that signal inverting means are comprised for inverting the polarity of the output signals of one of said filter parts, an optical receiver and a method therefor.